

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A method comprising:
 - accessing a network service database containing a plurality of service offerings that aggregate capabilities of a plurality of devices coupled as a network;
 - receiving a service-centric based request from a user, based on one or more of said service offerings;
 - determining one or more resources of said network for carrying out said service-centric based request from said network service database, wherein said resources include one or more source devices, one or more destination devices and one or more communication links;
 - translating said service-centric based request into one or more device-specific events for carrying out said service-centric based request based on said network service database;
 - constructing a service request list based on said device-specific events, wherein said service request list is arranged as a hierarchical data structure that includes a top level and one or more lower levels, wherein said top level includes a handle logically associated with said service-centric based request, and descriptive information and timing information for carrying out said service-centric based request, and wherein a lower level includes one or more logical links between said resources, and one or more device-specific commands for carrying out the

service-centric based request by said resources;

determining whether said service request list conflicts with another service request list;

and

provided that said service request list does not conflict with said another service request list, storing said service request list and scheduling said service request list for executing said plurality of device-specific events chronologically and sequentially according to said service request list.

2. (Canceled).

3. (Previously Presented) A method as recited in Claim 1 wherein said service request list further comprises information that describes routing information that allows content from said source devices to be routed to said destination devices.

4. (Currently Amended) A method as recited in Claim 1 further comprising:
determining availability of said source devices, said destination devices and said communication links at a time said service-centric based request is to be rendered.

5. (Canceled).

6. (Previously Presented) A method as recited in Claim 3 wherein said content comprises a broadcast program.

7. (Currently Amended) A method as recited in Claim 1 further comprising denying said service-centric based request provided said service-centric based request is in conflict with said another service-centric based request.

8. (Currently Amended) A computer readable medium containing therein computer readable codes for causing a computer system to perform a method of synchronizing different network activity over time comprising:

accessing a network service database containing a plurality of service offerings that aggregate capabilities of a plurality of devices;

presenting the plurality of service offerings to a user;

receiving a service-centric based request from said user based on one or more of said service offerings;

determining one or more resources for carrying out said service-centric based request from said network service database;

translating said service-centric based request into one or more device-specific events based request based on said network service database;

constructing a service request list based on said device-specific events, wherein said service request list is arranged as a hierarchical data structure that includes a top level and one or

more lower levels, wherein said top level includes a handle logically associated with said service-centric based request and timing information for carrying out said service-centric based request, and wherein a lower level includes one or more logical links between said resources, and one or more device-specific commands for carrying out said service-centric based request by said resources;

determining whether said service request list conflicts with another service request list;
and

provided that said service request list does not conflict with said another service request list, storing said service request list.

9. (Previously Presented) A computer readable medium as recited in Claim 8 wherein said service request list contains details of a source consumer electronic device and of a destination consumer electronic device, said details comprising control information and timing information of said source consumer electronic device and said destination consumer electronic device.

10. (Previously Presented) A computer readable medium as recited in Claim 9 wherein said service request list further comprises information that describes routing information that allows content of said source consumer electronic device to be routed to said destination consumer electronic device.

11. (Currently Amended) A computer readable medium as recited in Claim 10 further comprising:

determining availability of said source consumer electronic device and said destination consumer electronic device at a time said service-centric based request is to be rendered.

12-13. (Canceled).

14. (Currently Amended) A computer readable medium as recited in Claim 8 further comprising denying said service-centric based request provided said service-centric based request is in conflict with said another service-centric based request.

15. (Currently Amended) A home server for coupling to a network of consumer electronic devices, said home server comprising:

logic for accessing a network service database containing a plurality of service offerings that aggregate capabilities of a plurality of devices;

logic for receiving a service-centric based request from a user application, that is non-device-specific, based on one or more of said service offerings;

logic for determining one or more resources of said network for carrying out said service-centric based request from said network service database, wherein said resources include one or more source devices, one or more destination devices and one or more communication links;

logic for translating said service-centric based request into one or more device-specific

events for carrying out said service-centric based request by said resources based on the network service database;

logic for constructing a service request list that is based on said device-specific events, wherein said service request list is arranged as a hierarchical data structure that includes a top level and one or more lower levels, wherein said top level includes a handle logically associated with said service-centric based request, and descriptive information and timing information for carrying out said service-centric based request, and wherein a lower level includes one or more logical links between said resources, and one or more device-specific commands for carrying out the service-centric based request by said resources;

logic for determining whether said service request list conflicts with another service request list; and

logic for storing said service request list if said service request list does not conflict with said another service request list.

16. (Canceled).

17. (Previously Presented) A home server as recited in Claim 15 wherein said service request list further comprises information that describes routing information that allows content from said source devices to be routed to said destination devices through said communication links.

18. (Currently Amended) A home server as recited in Claim 15 further comprising:
logic for determining availability of said source devices, said destination devices and said communication links at a time said service-centric based request is to be rendered.

19. (Canceled).

20. (Previously Presented) A home server as recited in Claim 17 wherein said content comprises a broadcast program.

21. (Currently Amended) A home server as recited in Claim 15 further comprising logic for denying said service-centric based request provided said service-centric based request is in conflict with said another service-centric based request.

22. (Previously Presented) A home server as recited in Claim 15 further comprising:
logic for executing said device-specific commands chronologically and sequentially according to said timing information for each of said resources.

23. (Currently Amended) A method as recited in Claim 1 further comprising:
presenting said plurality of service offerings to a user application, wherein said service-centric based request is received in response to said presenting said plurality of service offerings.

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24. (Currently Amended) A computer readable medium as recited in Claim 8 wherein said service request list schedules said device specific-commands for executing chronologically and sequentially according to said service-centric based request.